

TABLE 3S Genes Corresponding To Genes Shared as Between Obesity and OA 152					
Spot	p-value	Clone	Description	Accession	Obese/Non-obese
8949	0.048724	fcrb1540	tx18g05.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2269592 3', mRNA sequence /clone=IMAGE:2269592 /clone_end=3'	AI612954	0.82
1028	0.048724	seob2195	ATP synthase, H transporting, mitochondrial F1 complex, epsilon subunit (ATP5E), nuclear gene encoding mitochondrial protein, mRNA	NM_006886	1.17
9372	0.048724	fcrb2745	chromosome 17 open reading frame 35 (C17orf35), mRNA /cds=(259,837) /gb=NM_003876	NM_003876	1.14
4983	0.046871	ncrc4287	F-box and leucine-rich repeat protein 3A (FBXL3A), mRNA /cds=(298,1584) /gb=NM_012158	NM_012158	1.14
10996	0.046871	miob7201	BX118052 Soares breast 2NbHBst cDNA clone IMAGp998C21252, mRNA sequence /clone=IMAGp998C21252; IMAGE:158156	BX118052	0.80
8308	0.046871	miob2685	chromosome 16 clone RP11-266L9, complete	AC133552	0.87
9921	0.046871	mioc0181	hypothetical protein FLJ10477 (FLJ10477), mRNA /cds=(232,873) /gb=NM_018105 /gi=8922445	NM_018105	0.92
14942	0.046871	seoc5759	DNA sequence from clone RP11-475E11 on	AL449266	0.84
4390	0.046871	ncr4946	ataxia telangiectasia and Rad3 related (ATR), mRNA /cds=(106,8040) /gb=NM_001184	NM_001184	0.84
1036	0.046868	seob3940	mRNA for KIAA1518 protein, partial cds. /cds=(482,3112) /gb=AB040951 /gi=7959302	AB040951	1.20
5928	0.045076	mioa6832	ubiquitin-conjugating enzyme E2B (RAD6 (UBE2B), mRNA /cds=(422,880) /gb=NM_003337	NM_003337	1.17
3327	0.045076	seob1362	goliath protein (GP), mRNA /cds=(428,1258) /gb=NM_018434 /gi=20127393 /ug=Hs.155718	NM_018434	1.14
2309	0.045076	seoa1909	RAS p21 protein activator (GTPase activating protein) 3 (Ins(1,3,4,5)P4-binding protein), clone	BC038456	1.15
12609	0.045076	seoc7751	Similar to hypothetical protein FLJ31322, clone IMAGE:5296647, mRNA /gb=BC045189	BC045189	1.11
5449	0.045076	ncrc4085	mRNA; cDNA DKFZp667D2123 (from clone DKFZp667D2123) /gb=AL832786 /gi=21733368	AL832786	1.15
2745	0.043339	miob3259	cDNA FLJ11769 fis, clone HEMBA1005755	AK021831	0.90
6722	0.043339	fcrb2350	syndecan 1 (SDC1), mRNA /cds=(253,1185) /gb=NM_002997 /gi=21359855 /ug=Hs.82109	NM_002997	1.09
11822	0.043339	miob8657	protein phosphatase 2, regulatory subunit B (B56), gamma isoform (PPP2R5C), mRNA /cds=(89,1633)	NM_002719	1.13
2073	0.043339	ncr1780	transcription factor B1, mitochondrial (TFB1M), mRNA /cds=(73,1113) /gb=NM_016020	NM_016020	0.91
6442	0.043339	mioa9821	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (PFKFB3), mRNA /cds=(115,1677)	NM_004566	1.12
3165	0.043339	fcrb6734	SOCS box-containing WD protein SWiP-1 (WSB1), transcript variant 3, mRNA /cds=(317,1051)	NM_134264	1.11
10798	0.043339	ncrb7230	12 BAC RP11-474P2 (Roswell Park Cancer Institute BAC Library) complete sequence	AC025031	0.91
6851	0.041656	ncrc3582	Similar to expressed sequence AW111961, clone IMAGE:5268751, mRNA /gb=BC041839	BC041839	1.13
7284	0.041656	ncrc3856	GK003 protein (GK003), mRNA /cds=(10,690) /gb=NM_020192 /gi=21281666 /ug=Hs.83313	NM_020192	1.12

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6185	0.041656	hfcr4485	chloride intracellular channel 4 (CLIC4), mRNA /cds=(198,959) /gb=NM_013943 /gi=7330334	NM_013943	0.85
13665	0.040028	mioc0206	ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2), mRNA /cds=(22,459) /gb=NM_003350	NM_003350	1.12
2542	0.040028	ncr2288	leucyl-tRNA synthetase (LARS), mRNA /cds=(73,3603) /gb=NM_020117 /gi=24496788	NM_020117	0.89
11816	0.040028	miob7373	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644	NM_145808	1.07
7234	0.040028	ncrc1567	chemokine-like factor 1 (CKLF1), mRNA /cds=(148,606) /gb=NM_016951 /gi=10092593	NM_016951	1.10
6570	0.040028	seoa4485	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (VAPA), mRNA /cds=(25,753) /gb=NM_003574 /gi=20070155	NM_003574	1.19
11169	0.040025	seoc7809	nad13a08.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3365271 3', mRNA sequence /clone=IMAGE:3365271 /clone_end=3'	BF439728	1.29
5419	0.038453	ncrc4994	ATP synthase, H transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1 (ATP5G1), mRNA /cds=(120,530) /gb=NM_005175	NM_005175	1.14
7357	0.038453	fcrb3518	chromosome 6 open reading frame 33 (C6orf33), mRNA /cds=(165,1229) /gb=NM_133367	NM_133367	1.23
257	0.036929	ncr7456	Similar to RIKEN cDNA 4833432B22 gene, clone	BC036888	0.81
5971	0.036929	mioa8939	UI-E-CI1-abg-f-09-0-UI.r1 UI-E-CI1 cDNA clone UI-E-CI1-abg-f-09-0-UI 5', mRNA sequence /clone=UI-E-CI1-abg-f-09-0-UI /clone_end=5' /gb=BM691540	BM691540	1.13
6428	0.036929	mioa6102	serologically defined colon cancer antigen 1 (SDCCAG1), mRNA /cds=(183,1271)	NM_004713	1.12
8529	0.035456	ncr7971	12 BAC RP13-501J24 (Roswell Park Cancer Institute BAC Library) complete sequence	AC122687	0.77
11720	0.035456	fcr4225	mRNA for KIAA1509 protein, partial cds. /cds=(1,3983) /gb=AB040942 /gi=7959278	AB040942	0.86
13469	0.035456	seoa9467	clone IMAGE:5299642, mRNA /gb=BC041913 /gi=27469540 /ug=Hs.17132 /len=2227	BC041913	1.12
13160	0.034032	fcr4161	retinoid X receptor, beta (RXRB), mRNA /cds=(180,1781) /gb=NM_021976 /gi=27436942	NM_021976	1.09
7107	0.032656	seob1411	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function) (ENPP4), mRNA /cds=(49,1410) /gb=NM_014936 /gi=7662357	NM_014936	1.34
4926	0.032656	ncrc0936	nuclear receptor coactivator 1 (NCOA1), transcript variant 2, mRNA /cds=(202,4401) /gb=NM_147223	NM_147223	1.15
5959	0.031326	mioa5586	clone 24742 mRNA sequence	AF070644	1.20
4736	0.031326	seob2169	E74-like factor 1 (ets domain transcription factor) (ELF1), mRNA /cds=(256,2115) /gb=NM_172373	NM_172373	1.13
13127	0.030042	fcr4669	brain abundant, membrane attached signal protein 1 (BASP1), mRNA /cds=(53,736) /gb=NM_006317	NM_006317	1.32
7623	0.030042	mioc1205	growth factor receptor-bound protein 10 (GRB10), mRNA /cds=(782,2548) /gb=NM_005311	NM_005311	1.11
5108	0.030042	fcr0351	calponin 2 (CNN2), mRNA /cds=(28,957) /gb=NM_004368 /gi=4758017 /ug=Hs.169718	NM_004368	1.20

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5235	0.030042	seob1399	major histocompatibility complex, class II, DR beta 1 (HLA-DRB1), mRNA /cds=(63,863)	NM_002124	1.92
5499	0.030042	fcrb6279	adaptor-related protein complex 2, sigma 1 subunit (AP2S1), transcript variant AP17, mRNA /cds=(71,499) /gb=NM_004069 /gi=11038644	NM_004069	1.10
13530	0.030042	seob6379	synaptic nuclei expressed gene 1 (SYNE-1), transcript variant beta, mRNA /cds=(121,10086)	NM_015293	0.76
5102	0.028803	fcrb9655	cofilin 1 (non-muscle) (CFL1), mRNA /cds=(52,552) /gb=NM_005507 /gi=5031634 /ug=Hs.180370	NM_005507	1.06
2687	0.028803	mioa6738	v-fos FBJ murine osteosarcoma viral oncogene (FOS), mRNA /cds=(156,1298) /gb=NM_005252	NM_005252	1.90
3219	0.028803	fcrb8542	actin, alpha, cardiac muscle (ACTC), mRNA /cds=(1,1134) /gb=NM_005159 /gi=10938011	NM_005159	1.12
11422	0.028803	mioc4978	CGI-45 protein (CGI-45), mRNA /cds=(194,1321) /gb=NM_015999 /gi=21361518 /ug=Hs.5298	NM_015999	1.19
5250	0.028803	seob4270	SFRS protein kinase 1 (SRPK1), mRNA /cds=(10,1974) /gb=NM_003137 /gi=15834623	NM_003137	0.89
9266	0.027606	seob8407	clone FLB2932 mRNA sequence /gb=AF138859 /gi=7340965 /ug=Hs.274405 /len=2990	AF138859	0.80
11085	0.026452	miod0974	genomic DNA, chromosome 18 clone:RP11-	AP001032	0.78
10228	0.026452	seoa9389	hypothetical protein FLJ10342 (FLJ10342), mRNA /cds=(534,1145) /gb=NM_018064 /gi=14149717	NM_018064	1.13
5287	0.025338	fcrb2748	cDNA FLJ30945 fis, clone FEBRA2007613	AK055507	1.10
14076	0.025338	ncr9140	hypothetical protein FLJ22611 (FLJ22611), mRNA /cds=(295,1923) /gb=NM_032226 /gi=24308321	NM_032226	0.80
5899	0.025338	mioa0528	Fas (TNFRSF6) associated factor 1 (FAF1), transcript variant 1, mRNA /cds=(454,2406)	NM_007051	1.11
10843	0.024264	ncrb1312	chromosome 8, clone RP11-413C18, complete	AC009634	0.85
8646	0.023229	fcrb2777	cDNA FLJ39413 fis, clone PLACE6015729. /gb=AK096732 /gi=21756291 /ug=Hs.194339	AK096732	1.15
7187	0.023229	fcrb2198	collagen, type V, alpha 1 (COL5A1), mRNA /cds=(383,5899) /gb=NM_000093 /gi=16554578	NM_000093	1.13
4046	0.023229	mioa4064	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa (POLR2C), transcript variant gamma, mRNA /cds=(58,885) /gb=NM_032940 /gi=14702170	NM_032940	1.13
14704	0.022231	miob7177	qz33c01.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2028672 3', mRNA sequence /clone=IMAGE:2028672 /clone_end=3'	AI262059	1.20
10503	0.02127	miob9614	thymosin, beta 4, X chromosome (TMSB4X), mRNA /cds=(78,212) /gb=NM_021109 /gi=11056060	NM_021109	1.14
4919	0.02127	ncrc0051	KIAA0436 mRNA, partial cds. /cds=(1,2070) /gb=AB007896 /gi=2662152 /ug=Hs.110 /len=4661	AB007896	1.38
3073	0.02127	ncrc3936	KIAA0174 gene product (KIAA0174), mRNA /cds=(64,1158) /gb=NM_014761 /gi=7661971	NM_014761	1.14
12439	0.02127	mioc6126	cDNA FLJ12048 fis, clone HEMBB1001990. /gb=AK022110 /gi=10433433 /ug=Hs.289044	AK022110	0.89
726	0.020345	ncr7904	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide (YWHAG), mRNA /cds=(192,935)	NM_012479	0.81

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4530	0.020345	mioa8851	I factor (complement) (IF), mRNA /cds=(15,1766) /gb=NM_000204 /gi=4504578 /ug=Hs.36602	NM_000204	1.03
3856	0.020345	fcrb0193	translocase of inner mitochondrial membrane 10	NM_012456	0.85
6760	0.020345	ncrc0640	2-hydroxyphytanoyl-CoA lyase (HPCL2), mRNA /cds=(100,1836) /gb=NM_012260 /gi=6912417	NM_012260	1.13
7178	0.019453	fcrb1503	supervillin (SVIL), transcript variant 2, mRNA /cds=(754,7398) /gb=NM_021738 /gi=11496981	NM_021738	1.12
10323	0.019453	ncr7133	mRNA; cDNA DKFZp434K1115 (from clone DKFZp434K1115); complete cds /cds=(97,2877)	AL136764	0.78
11331	0.018596	mioc1126	cell cycle progression 8 protein (CPR8), mRNA /cds=(13,1140) /gb=NM_004748 /gi=4758047	NM_004748	1.25
8606	0.01777	fcrb0654	hypothetical protein DKFZp451G182 (DKFZp451G182), mRNA /cds=(99,4049)	NM_153610	0.84
11030	0.01777	mioc5018	BAC clone RP11-368A17 from 2, complete	AC079922	0.86
11033	0.01777	mioc5654	cDNA FLJ30661 fis, clone DFNES2000526	AK055223	1.11
11335	0.01777	mioc2039	COX11 cytochrome c oxidase assembly protein (yeast) (COX11), nuclear gene encoding mitochondrial protein, mRNA /cds=(48,878)	NM_004375	1.07
12484	0.01777	mioc8670	qa50a08.x1 Soares_NhHMPu_S1 cDNA clone IMAGE:1690166 3', mRNA sequence /clone=IMAGE:1690166 /clone_end=3'	AI123569	1.38
7322	0.016976	ncrc4227	BM-017 mRNA, complete cds	AF208859	1.23
1021	0.016976	seob1061	tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), mRNA /cds=(67,2439) /gb=NM_006290	NM_006290	1.28
2242	0.016213	miob3308	uncharacterized hypothalamus protein HT010 (HT010), mRNA /cds=(227,1420) /gb=NM_018471	NM_018471	0.90
1539	0.015479	fcrb2437	LENG5 protein (LENG5), mRNA /cds=(113,1285) /gb=NM_024075 /gi=13129061 /ug=Hs.15580	NM_024075	0.89
453	0.015479	seoa5157	WD repeat domain 1 (WDR1), transcript variant 1, mRNA /cds=(203,2023) /gb=NM_017491	NM_017491	1.25
14934	0.015479	miob7090	mRNA; cDNA DKFZp686D0521 (from clone	AL832747	1.23
7730	0.015479	seoc2034	MTB (MTB) mRNA, complete cds /cds=(80,265) /gb=AF348994 /gi=28190031 /ug=Hs.333727	AF348994	1.12
4986	0.015479	ncrc4780	adrenomedullin (ADM), mRNA /cds=(157,714) /gb=NM_001124 /gi=4501944 /ug=Hs.394	NM_001124	1.20
4556	0.014774	mioa6093	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI) (PYGL), mRNA /cds=(52,2595) /gb=NM_002863 /gi=4506352	NM_002863	1.28
8076	0.014774	miob8259	hypothetical protein PRO2577 (PRO2577), mRNA /cds=(492,665) /gb=NM_018630 /gi=8924181	NM_018630	1.10
2741	0.014774	miob2466	golgi SNAP receptor complex member 1 (GOSR1), mRNA /cds=(13,765) /gb=NM_004871 /gi=4758455	NM_004871	1.43
1023	0.014774	seob1322	v-fos FBJ murine osteosarcoma viral oncogene (FOS), mRNA /cds=(156,1298) /gb=NM_005252	NM_005252	2.02
11446	0.014096	miod5703	ornithine decarboxylase antizyme 1 (OAZ1), mRNA /gb=NM_004152 /gi=9845504 /ug=Hs.281960	NM_004152	1.17
613	0.014096	miod1532	PEF protein with a long N-terminal hydrophobic domain (peflin) (PEF), mRNA /cds=(13,867)	NM_012392	0.79

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7349	0.014096	ncrc9704	dermatopontin (DPT), mRNA /cds=(7,612) /gb=NM_001937 /gi=4755134 /ug=Hs.80552	NM_001937	1.13
12355	0.014096	fcr3204	cDNA FLJ36238 fis, clone THYMU2001422. /gb=AK093557 /gi=21752458 /ug=Hs.345588	AK093557	1.26
7068	0.013446	seob0992	KIAA1128 protein (KIAA1128), mRNA /cds=(553,2253) /gb=NM_018999 /gi=24308130	NM_018999	1.20
8459	0.011646	ncrb7278	zs54b10.r1 NCI_CGAP_GCB1 cDNA clone IMAGE:701275 5', mRNA sequence /clone=IMAGE:701275 /clone_end=5'	AA287780	0.82
8411	0.011095	ncr5903	UI-1-BB1p-aya-d-12-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-aya-d-12-0-UI 3', mRNA sequence /clone=UI-1-BB1p-aya-d-12-0-UI /clone_end=3'	BU754499	0.86
5332	0.011095	fcrb3916	clone IMAGE:5262128, mRNA, partial cds /cds=(1,1409) /gb=BC035036 /gi=23271542	BC035036	0.68
12513	0.010566	seoc0345	AGENCOURT_8841454 Lupski_sciatic_nerve cDNA clone IMAGE:6199422 5', mRNA sequence /clone=IMAGE:6199422 /clone_end=5'	BQ924341	0.87
1174	0.010059	ncrb8689	eukaryotic translation initiation factor 3, subunit 6 interacting protein (EIF3S6IP), mRNA	NM_016091	0.84
2074	0.009573	ncr2160	clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J) (CLU),	NM_001831	0.84
6069	0.009573	seoa5234	stress-associated endoplasmic reticulum protein 1; ribosome associated membrane protein 4 (SERP1), mRNA /cds=(316,516) /gb=NM_014445	NM_014445	1.11
14948	0.009573	seoc7548	cyclin I (CCNI) gene, complete cds	AY207372	1.12
14375	0.009108	miod6017	BAC clone RP11-384K6 from 4, complete sequence	AC110079	0.87
5283	0.009108	fcrb2452	transforming, acidic coiled-coil containing protein 2 (TACC2), mRNA /cds=(87,3167) /gb=NM_006997	NM_006997	1.17
6583	0.008662	seoa7383	KIAA0170 gene product (KIAA0170), mRNA /cds=(14,6283) /gb=NM_014641 /gi=7661965	NM_014641	1.20
3175	0.008236	ncrc9944	spermidine/spermine N1-acetyltransferase (SAT), mRNA /cds=(166,681) /gb=NM_002970	NM_002970	1.32
14560	0.007828	ncrb3980	TRAM-like protein (KIAA0057), mRNA /cds=(76,1188) /gb=NM_012288 /gi=6912449	NM_012288	0.85
11482	0.007438	seoc4362	clone IMAGE:5271722, mRNA /gb=BC038786 /gi=24270905 /ug=Hs.190456 /len=1535	BC038786	1.13
13207	0.007065	mioc2074	ARP8 actin-related protein 8 (yeast) (ACTR8), mRNA /cds=(5,1129) /gb=NM_022899	NM_022899	1.12
10100	0.007065	seoc1175	hypothetical protein FLJ22662 (FLJ22662), mRNA /cds=(66,1586) /gb=NM_024829 /gi=13376231	NM_024829	1.22
7321	0.007065	ncrc4089	translocase of inner mitochondrial membrane 17 A (yeast) (TIMM17A), mRNA /cds=(8,523)	NM_006335	1.29
4946	0.006041	ncrc4135	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 3, mRNA /cds=(41,514) /gb=NM_079425 /gi=17986263	NM_079425	1.18
2913	0.006041	seob4752	mortality factor 4 like 1 (MORF4L1), mRNA /cds=(132,1103) /gb=NM_006791 /gi=5803101	NM_006791	1.15
450	0.005731	seoa4436	CCAAT/enhancer binding protein (C/EBP), beta	NM_005194	1.28

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3828	0.005731	hfcr0734	osteoblast specific factor 2 (fascin I-like) (OSF-2), mRNA /cds=(12,2522) /gb=NM_006475	NM_006475	0.84
11519	0.005731	seoc4702	mRNA; cDNA DKFZp761O0611 (from clone DKFZp761O0611) /gb=AL834155 /gi=21739631	AL834155	1.12
11503	0.005434	seoc0843	hypothetical protein DKFZp564K0822 (DKFZP564K0822), mRNA /cds=(10,528)	NM_030796	1.20
7283	0.005151	ncrc3624	HSPC056 protein (HSPC056), mRNA /cds=(145,972) /gb=NM_014154 /gi=7661763	NM_014154	1.13
5827	0.005151	ncr3979	chromosome 16 clone RP11-637I8, complete	AC092374	1.21
4513	0.004881	mioa3945	hepatitis B virus x interacting protein (HBXIP), mRNA /cds=(56,331) /gb=NM_006402 /gi=5454169	NM_006402	1.16
5770	0.004377	miod3306	LOC285623 (LOC285623), mRNA	XM_211958	0.80
10080	0.004377	seoc5039	hypothetical protein DKFZp761N0624 (DKFZp761N0624), mRNA /cds=(113,1444)	NM_032295	1.19
5264	0.004377	seob6601	cDNA FLJ31365 fis, clone NB9N41000135, highly similar to RAS-RELATED PROTEIN RAB-1A	AK055927	1.14
6009	0.004144	miod0592	methylmalonyl Coenzyme A mutase (MUT), nuclear gene encoding mitochondrial protein, mRNA /cds=(77,2329) /gb=NM_000255 /gi=4557766	NM_000255	1.17
7243	0.004144	fcrb4378	calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2), transcript variant 1, mRNA /cds=(830,2596) /gb=NM_006549	NM_006549	1.18
3166	0.003709	fcrb6808	hypothetical protein FLJ13855 (FLJ13855), mRNA /cds=(328,1068) /gb=NM_023079 /gi=20149671	NM_023079	1.21
2928	0.003709	seob7346	ligase IV, DNA, ATP-dependent (LIG4), mRNA /cds=(274,3009) /gb=NM_002312 /gi=23199992	NM_002312	1.16
4540	0.003314	mioa2185	decay accelerating factor for complement (CD55, Cromer blood group system) (DAF), mRNA /cds=(66,1211) /gb=NM_000574 /gi=10835142	NM_000574	1.34
7244	0.003314	fcrb4727	Nedd-4-like ubiquitin-protein ligase, clone MGC:17353 IMAGE:3453212, mRNA, complete cds	BC013645	1.15
5584	0.003132	fcrb7510	regulator of nonsense transcripts 1 (RENT1), mRNA /cds=(232,3588) /gb=NM_002911	NM_002911	1.16
6322	0.003132	ncrb4990	chromosome Y, clone 486_O_8, complete	AC002531	0.80
7427	0.002958	fcrb8187	tropomyosin 3 (TPM3), mRNA /cds=(52,798) /gb=NM_153649 /gi=24119202 /ug=Hs.85844	NM_153649	1.13
3641	0.002958	ncrc9712	hypothetical protein CL25084 (CL25084), mRNA /cds=(132,1583) /gb=NM_015701 /gi=20070263	NM_015701	1.12
4703	0.002793	seoa5554	leukotriene A4 hydrolase (LTA4H), mRNA /cds=(69,1904) /gb=NM_000895 /gi=4505028	NM_000895	1.23
10660	0.002487	miod3319	BX111472 Soares_senescent_fibroblasts_NbHSF cDNA clone IMAGp998B18737, mRNA sequence /clone=IMAGp998B18737; IMAGE:325169	BX111472	0.78
5156	0.002487	seoa0740	myosin regulatory light chain (MLC-B), mRNA /cds=(117,635) /gb=NM_033546 /gi=15809015	NM_033546	1.21
6577	0.002345	seoa5911	ornithine decarboxylase antizyme 1 (OAZ1), mRNA /gb=NM_004152 /gi=9845504 /ug=Hs.281960	NM_004152	1.17
11266	0.002211	fcrc6228	B-cell translocation gene 1, anti-proliferative (BTG1), mRNA /cds=(309,824) /gb=NM_001731	NM_001731	1.29

TABLE 3S Genes Corresponding To Genes Shared as Between Obesity and OA 152					
Spot	p-value	Clone	Description	Accession	Obese/Non-obese
5060	0.002084	fcrb4890	HIF-1 responsive RTP801 (RTP801), mRNA /cds=(198,896) /gb=NM_019058 /gi=9506686	NM_019058	1.22
13729	0.001963	mioc5751	EH-domain containing 1 (EHD1), mRNA /cds=(247,1851) /gb=NM_006795 /gi=5803008	NM_006795	1.52
9595	0.00154	seoc0778	hypothetical protein MGC4701 (MGC4701), mRNA /cds=(149,1585) /gb=NM_024511 /gi=24308290	NM_024511	1.15
7873	0.00154	seoa3095	BX098638 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998G14405, mRNA sequence /clone=IMAGp998G14405; IMAGE:208165	BX098638	0.78
2194	0.001058	mioa9555	monocytic leukemia zinc finger protein-related factor (MORF), mRNA /cds=(316,6537) /gb=NM_012330	NM_012330	1.43
6529	8.72E-04	seoa3516	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha (NFKBIA), mRNA /cds=(95,1048) /gb=NM_020529	NM_020529	1.20
5386	5.47E-04	ncrb8752	ATPase, H transporting, lysosomal 9kDa, V0 subunit e (ATP6V0E), mRNA /cds=(76,321)	NM_003945	1.15
5938	5.11E-04	mioa9581	chaperonin containing TCP1, subunit 3 (gamma) (CCT3), mRNA /cds=(1,1635) /gb=NM_005998	NM_005998	1.18
4037	4.77E-04	mioa2224	DNA sequence from clone RP11-218L14 on	BX276110	0.81